

CARDIOVASCULAR HEALTH
FROM SOUTHERN ITALY



 **indena**[®]
INDUSTRIA
DERIVATI
NATURALI

HEALTH - FOOD

VAZGUARD[™]
BERGAMOT PHYTOSOME[®]

vazguard[™]

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WHAT IS VAZGUARD™?

VAZGUARD™ is a **standardized extract from Bergamot** - *Citrus bergamia* Risso et Poiteau (exclusively sourced from a specific part of Southern Italy) **in the Phytosome® form.**

SPECIFICATIONS

VAZGUARD™ is standardized to contain **11-19% of total bergamot flavanones** by HPLC.

SUGGESTED USE AND DOSE

VAZGUARD™ is a **light yellow powder** for use in **nutritional supplements formulations.**

Suggested dose: **500 mg twice a day** - equivalent to a full glass of Bergamot juice.

SCIENTIFIC EVIDENCE¹

VAZGUARD™ is supported by:

- a **human pharmacokinetics**
- a randomized double-blind, placebo controlled **human efficacy study.**

References

¹ Mollace V. et al.; Endocr Metab Immune Disord Drug Targets 19:2 (2019): 136-143

² International patent application PCT/EP2017/080866

³ Formisano C. et al.; J. Agric. Food Chem. 2019, 67, 3159-3167

⁴ Di Donna L. et al (2009) J Nat Prod 72:1352-1354

⁵ Mollace V et al (2011) Fitoterapia 82:309-316

⁶ Giozzi M et al (2013) Int J Cardiol 170:140-145

WHAT MAKES VAZGUARD™ UNIQUE?

VAZGUARD™ is the **Bergamot Polyphenolic Fraction (BPF)**, with a **unique phytochemical profile, formulated with Phytosome® delivery system** (patent pending²) to **optimize the biological absorption of polyphenols**, which are normally characterized by poor solubility in both water and organic solvents.

The raw material is **sourced only from a very small and specific part of the southern Italian Calabria region**, and Indena extensively characterized it from the phytochemical point of view: **VAZGUARD™ retains the same, unique phytochemical profile of the natural bergamot juice, and furthermore one of its components - bergamjuicin - has been discovered and isolated by Indena.**³

In a randomized, double-blind, placebo controlled human study, **VAZGUARD™ demonstrated to be extremely effective in supporting healthy blood levels through the optimization of total cholesterol, cLDL, cHDL, triglycerides, and glucose levels.**¹

DID YOU KNOW?

Bergamot (*Citrus bergamia* Risso et Poiteau) is used to flavour Earl Grey, one of the most popular teas in the world, and is an **endemic plant of the Calabria region of Southern Italy.**

The traditional use of bergamot is currently being rediscovered due to its **unique mix of polyphenolic content⁴, specifically the high percentage of flavonoids found in its juice, albedo and flavedo.**

It has shown antioxidant effects, hypoglycaemic and hypolipidaemic activity, has **positive effects on modulating the metabolism and against cardiovascular challenges, supporting healthy cholesterol levels.**⁴⁻⁶

